Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 20 Sep 2021 until 23:59 on Tuesday 21 Sep 2021

Forecast Issued on Sunday 19 Sep 2021 at 10:57

Confidence: High for largely dry weather until Wednesday then for a change to windier, wetter and cooler conditions. The main uncertainty relates to the extent of low cloud and associated poor visibility from later on Monday.

Headline for Monday 20 Sep 2021: Dry, warm and sunny with light winds.

Mountain weather hazards on Monday 20 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny	Sunny	Cloudy	Fog
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	20%

Forecast for Monday 20 Sep 2021

Weather: Clear skies through the early hours will likely lead to a few patches of mist and fog developing in the valleys. Any mist or fog which does form will gradually disperse an hour or two after dawn, leaving a dry day with largely unbroken sunshine. Cloud thickening from the west after dark with fog descending onto the hills.

Chance of cloud free mountain/hill tops above 600m: 100% through daylight hours. Falling 40% after dark.

Visibility: Away from any early mist or fog, visibility will be excellent with good clarity to the air. Areas of cloud above 400m will spread eastwards after dark.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 20 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/14 N	5/9 N	5/9 N	6/9 NW	9/14 W	10/16 W	9/16 W	8/12 SW	8/12 SW
300	5/11 NW	6/10 N	4/8 N	4/7 NW	7/13 W	9/16 W	6/14 W	2/6 W	2/7 SW
Valley	2/6 N	2/3 N	2/3 NE	1/3 NW	6/12 W	8/15 W	4/12 W	1/5 SW	2/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/7	8/7	10/9	13/11	14/11	11/9	10/8	9/8
300	9/7	8/7	7/6	13/12	16/15	16/15	12/12	11/10	11/10
Valley	8/7	6/6	6/5	13/13	17/16	18/16	14/13	12/12	12/12
Freezing Level*	1800m	1700m	1700m	1800m	1800m	2000m	2100m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Unbroken sunshine will lead to a risk of sunburn through the middle of the day. Be aware of deteriorating conditions from the west through late evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 19 Sep 2021	4.6mm	4.6mm	4.6mm

Forecast for Tuesday 21 Sep 2021

Weather: A cloudier and breezier day compared to Monday, but dry conditions are expected throughout. Some low cloud across the hills initially will lift to leave a bright afternoon with perhaps some sunny breaks. Dry through evening with some low cloud returning.

Maximum wind: West or southwest 15-20mph increasing 20-25 gusting 35mph from mid afternoon.

Chance of cloud free mountain/hill tops above 600m: 50% early and late, otherwise 95%.

Visibility: Some patchy cloud cover above 500m is likely through morning and again from late evening, predominantly on western slopes. Away from these, very good visibility is expected affording far reaching views.

Temperature: **Valleys:** Plus 10 Celsius rising to 18 Celsius.
At 600m: Around plus 10 Celsius.
Freezing level: Well above summits.

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